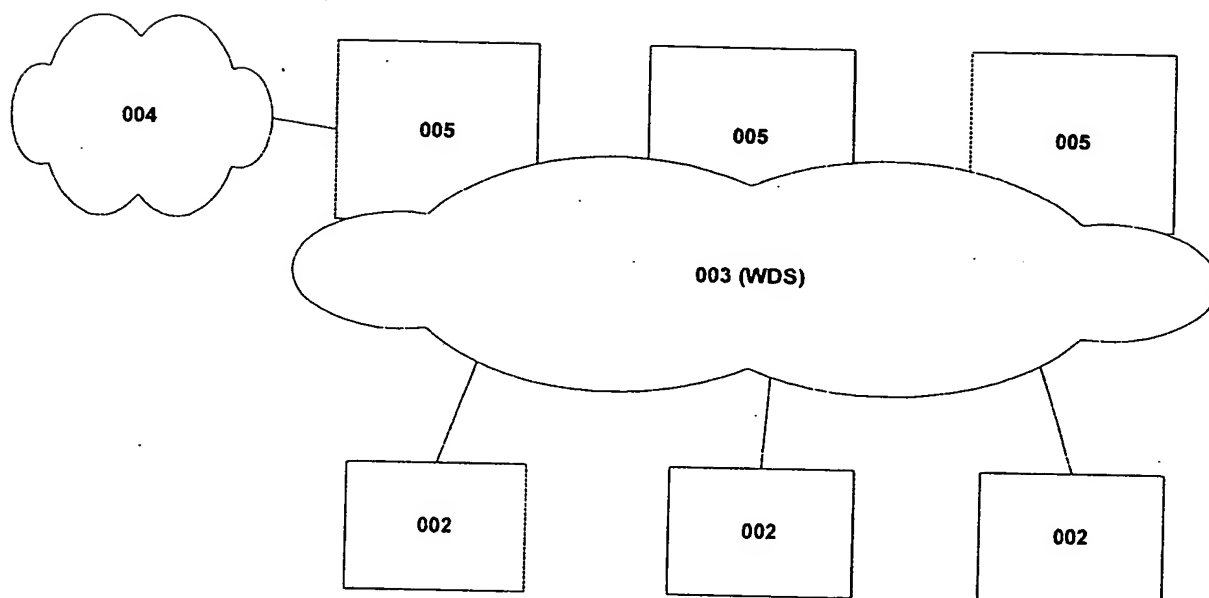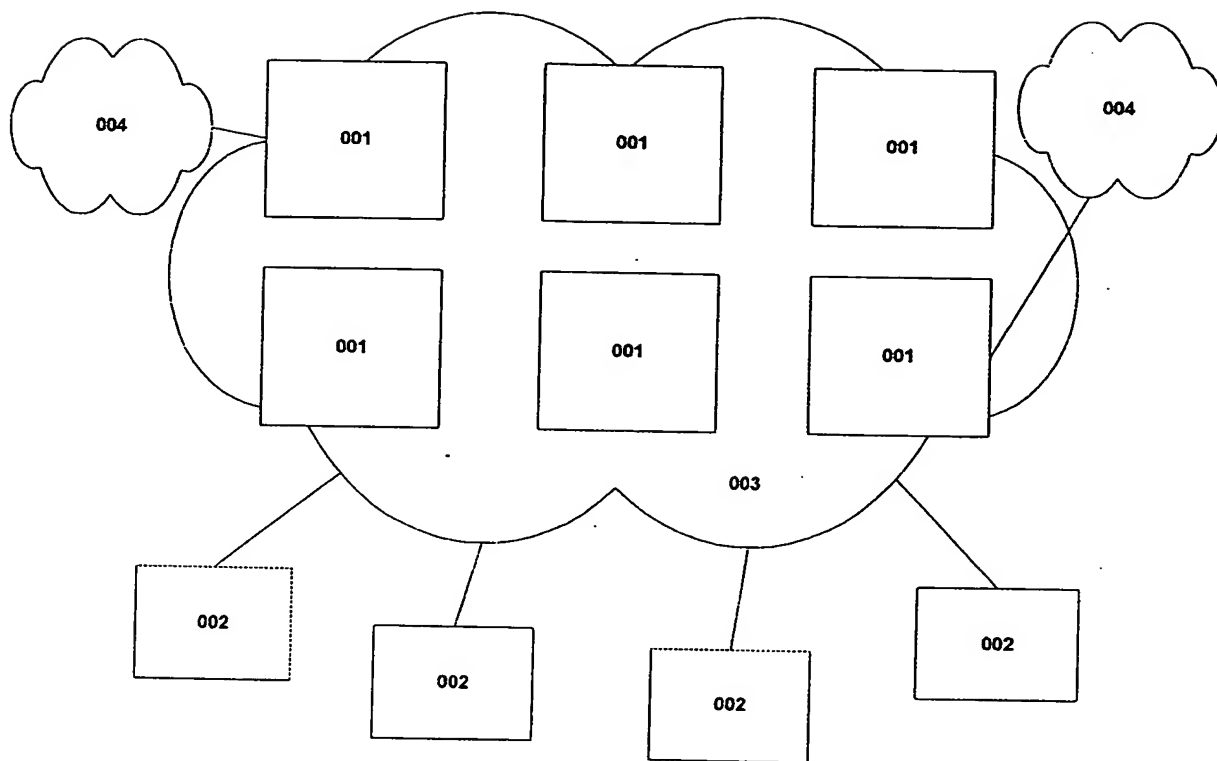**Fig. 1**

Fig. 2

Fig. 3
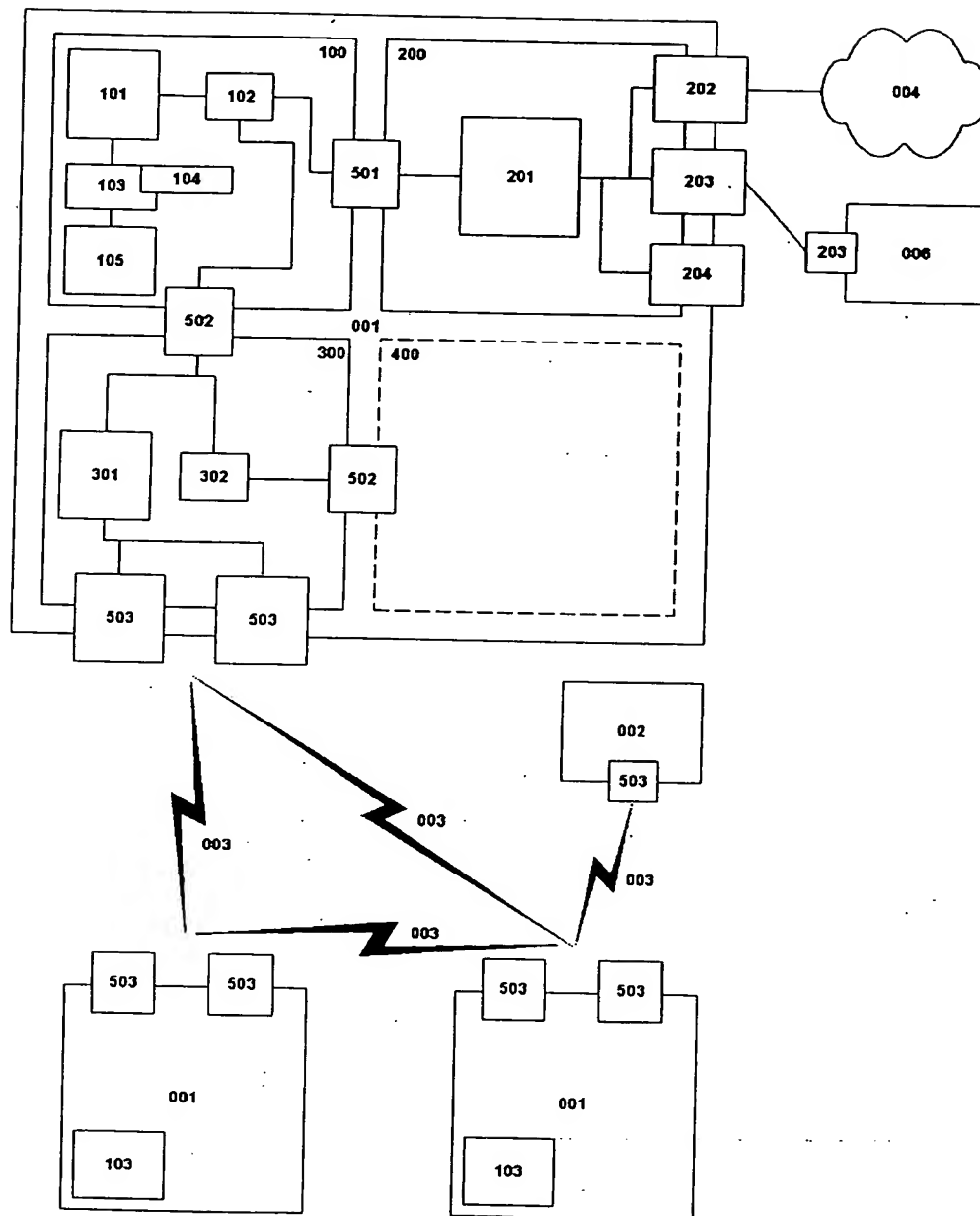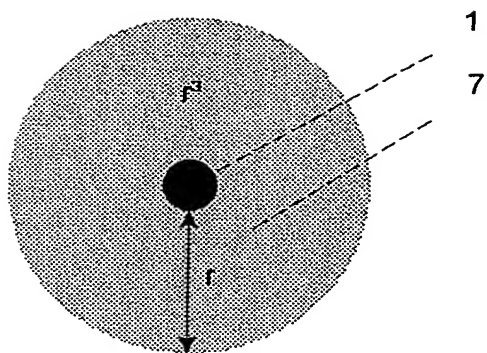
Fig. 4

Fig. 5

Fig. 6
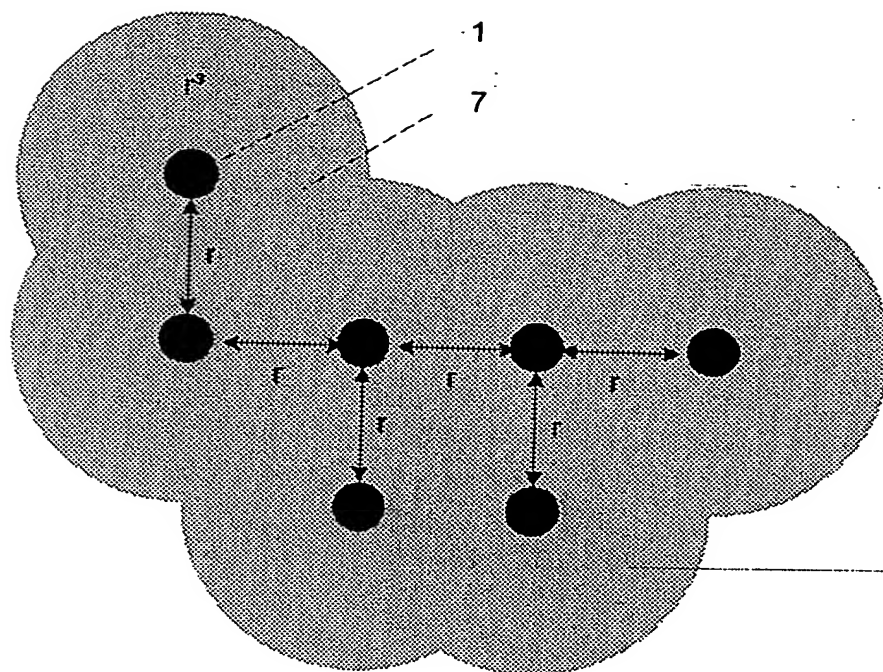
Fig. 7
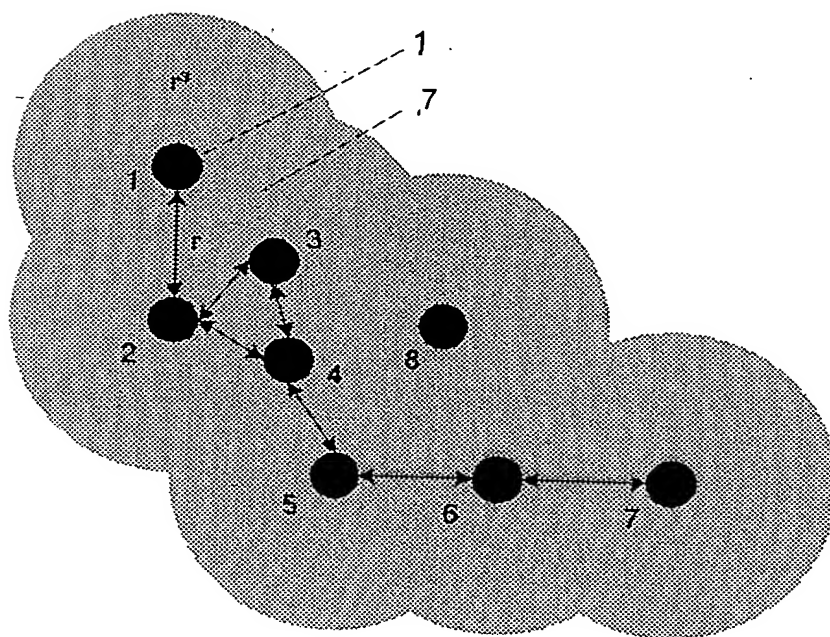
Fig. 8
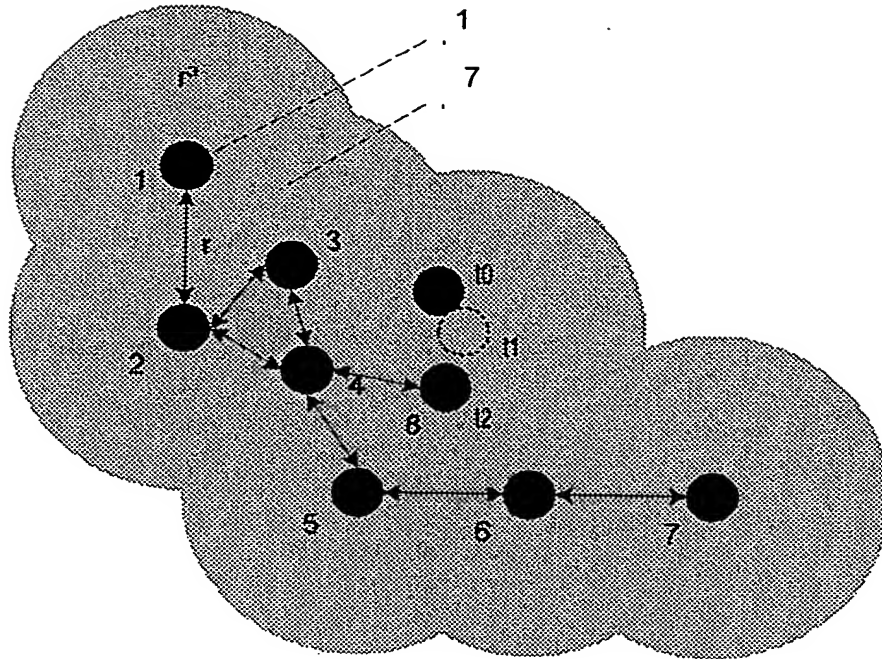
Fig. 9
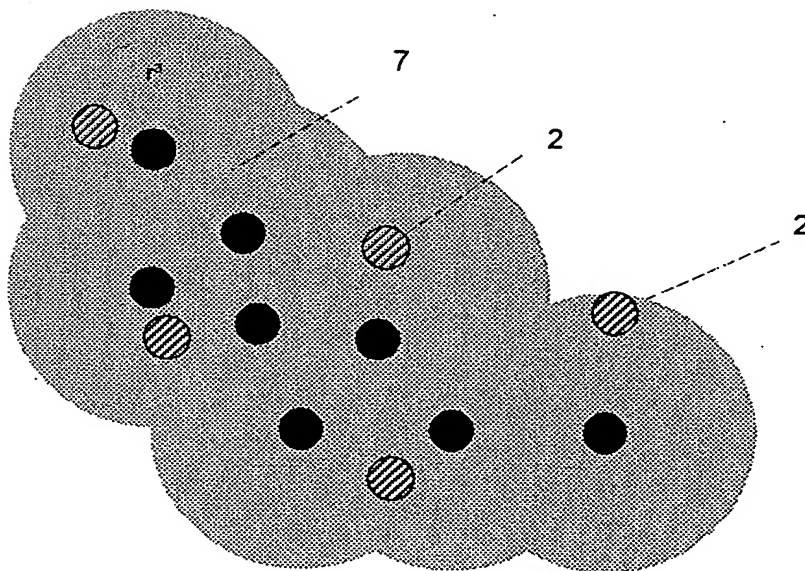
Fig. 10
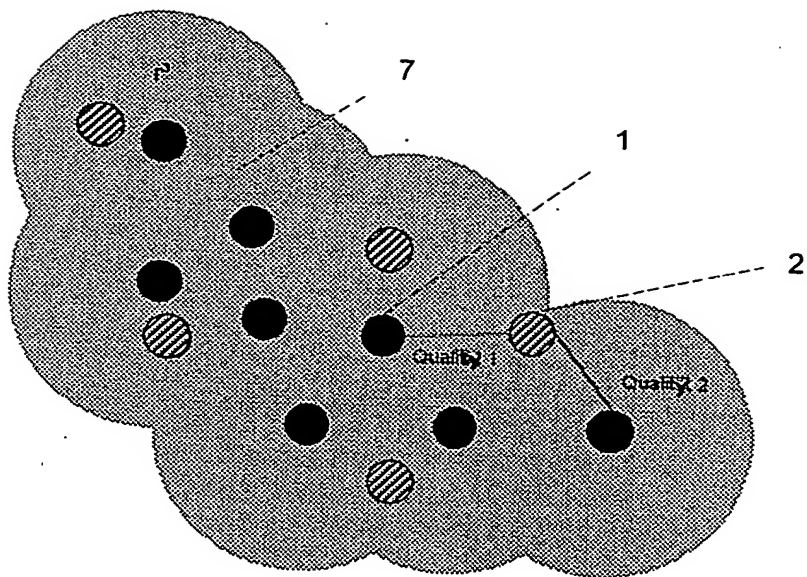
Fig. 11

Fig. 12

Fig. 13

Fig. 14

Fig. 15

– – – – – – –	14, 400
▭ ▭ ▭ ▭	12, 300, 302
▭ ▭	11, 15, 101, 102
	103, 104, 105
▭ ▭ ▭	201, 202
	203, 204

Fig. 16

Fig. 17

HTTP Service		Trigger Agents
SSH Service	Config Manager	Monitor Agents
[Linux Service]		Config Web Controller
IPSEC Service		SNMP Agent

User Workspace Domain

Kernel Workspace Domain

| Service Layer | Enterprise Layer | Application Layer |

Architectural Layer

Fig. 18

IP: 10.0.1.0

IP: 10.0.2.0

IP: 10.0.3.0

21, 22, 23, 24
Certificate, LSP, UDP, IP
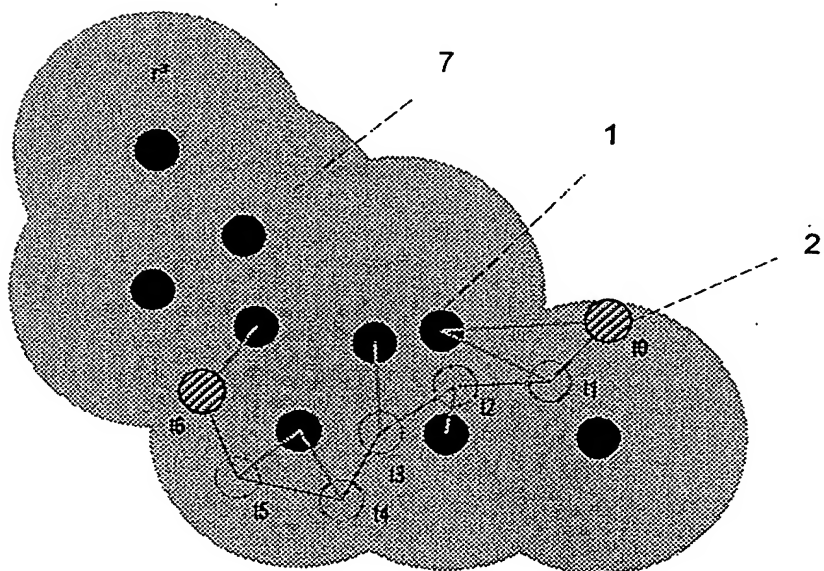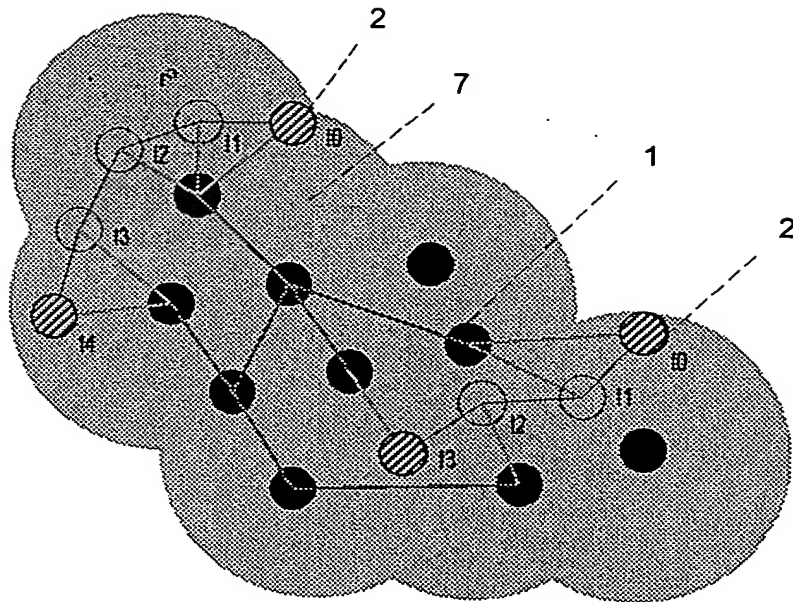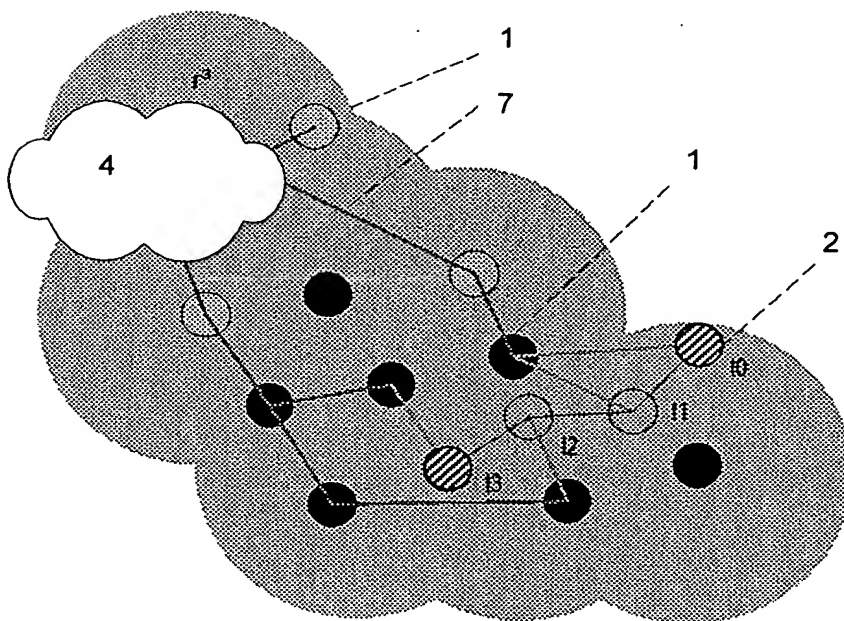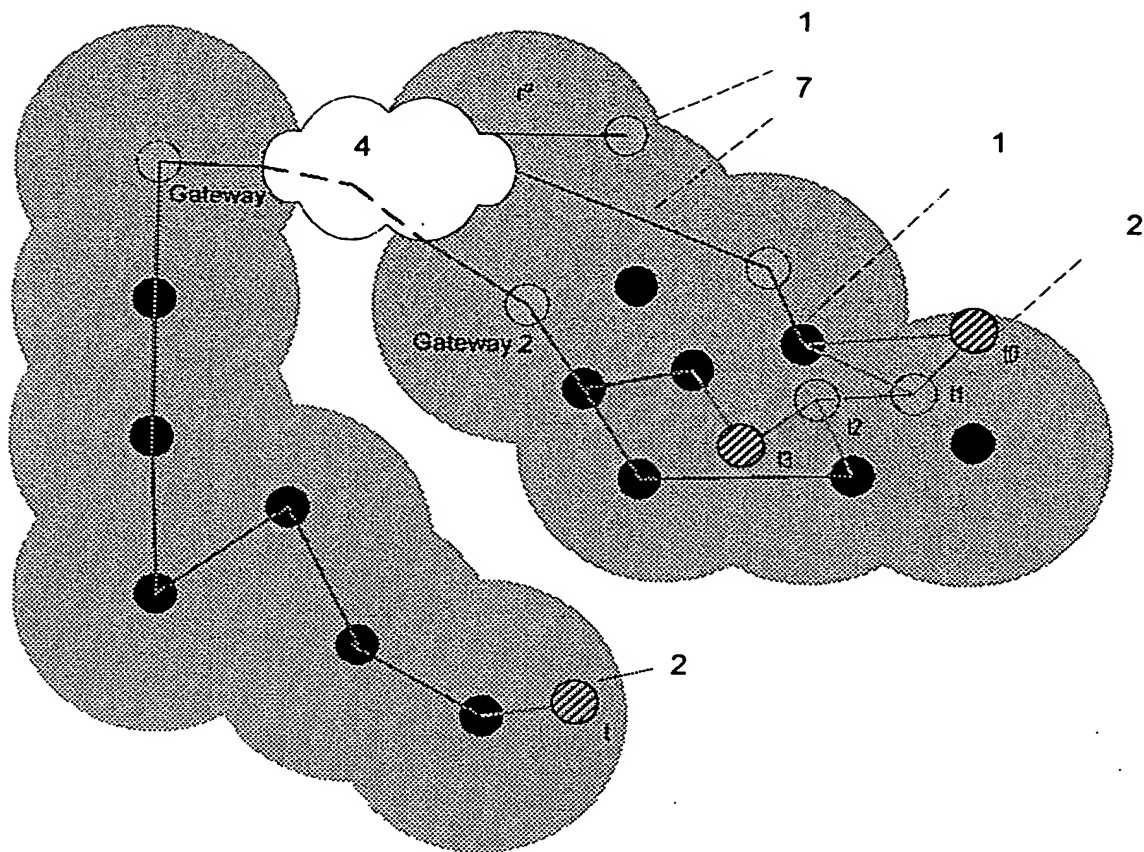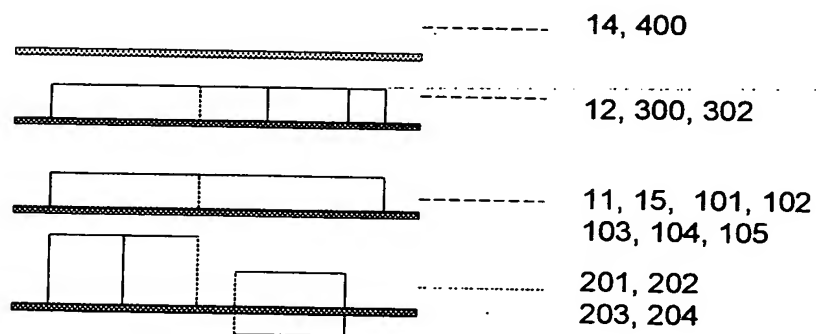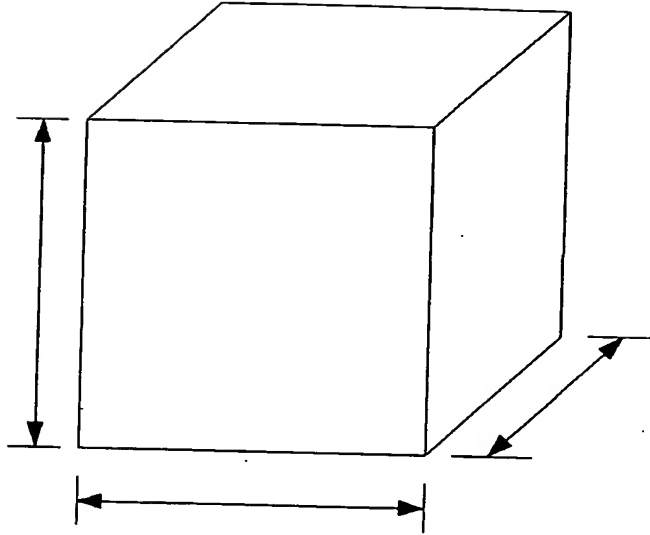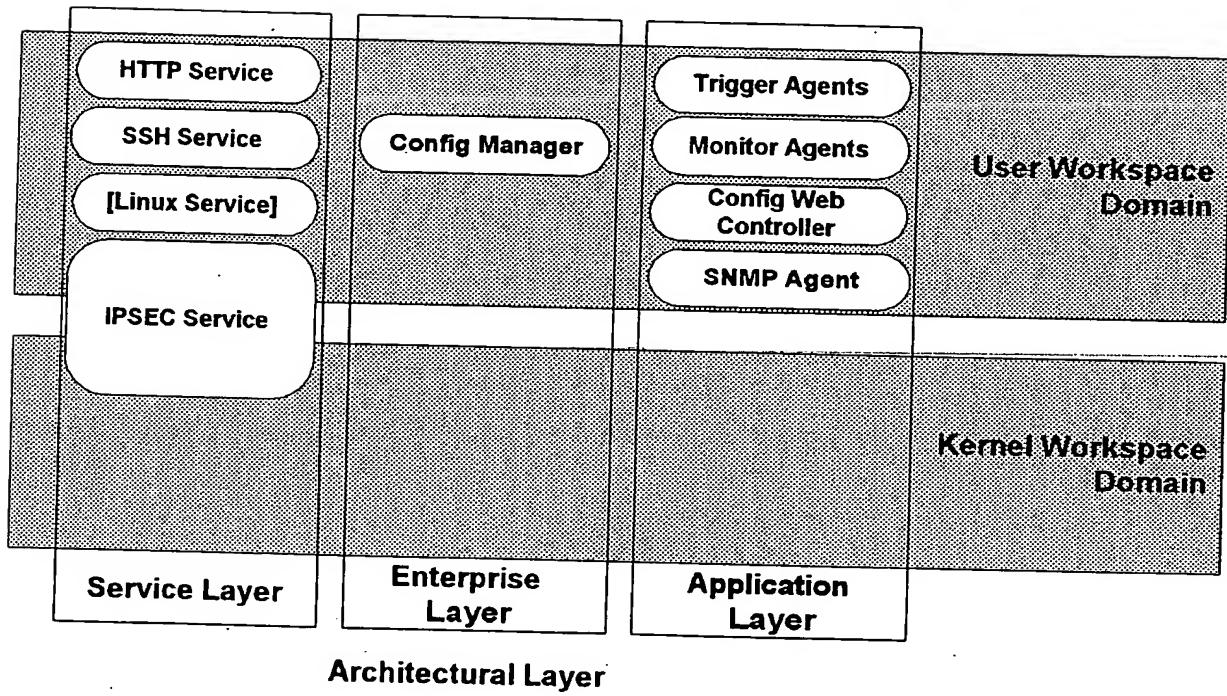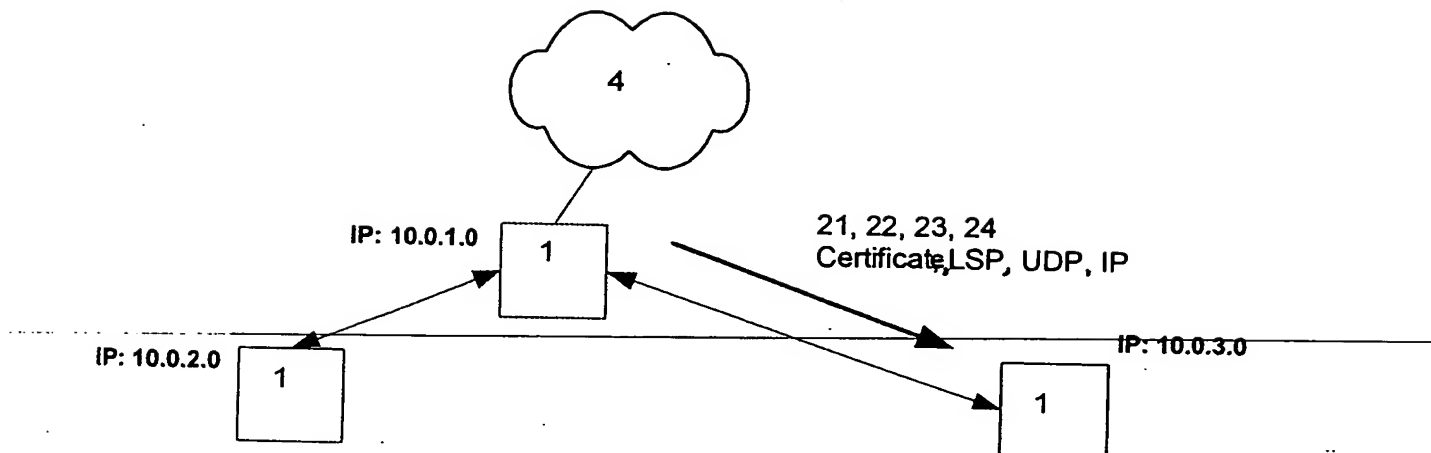
Fig. 19

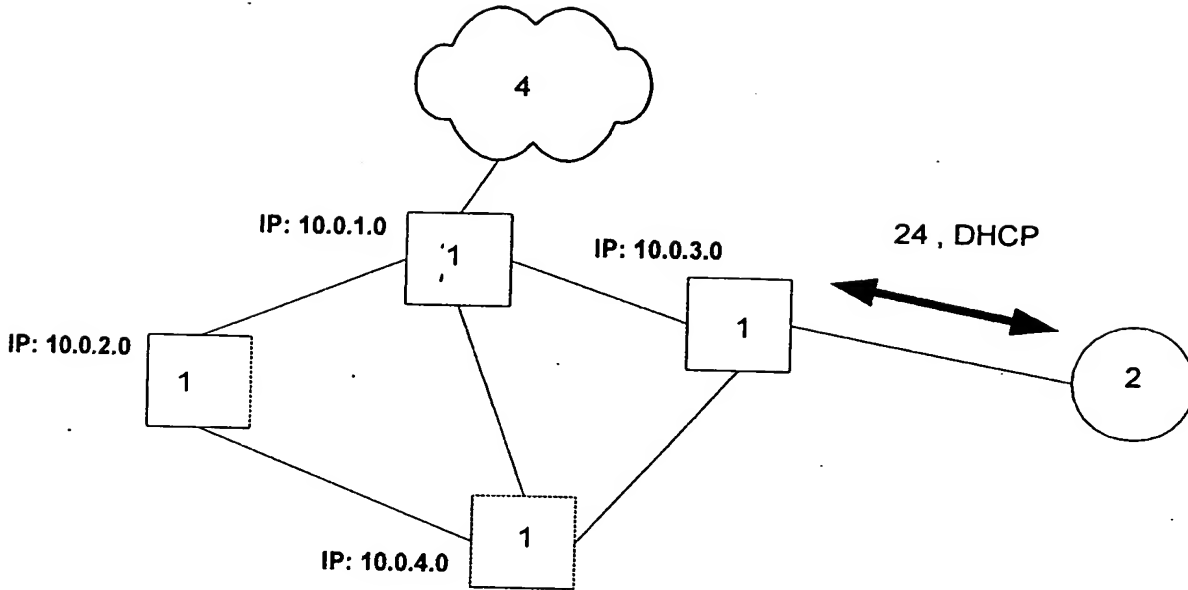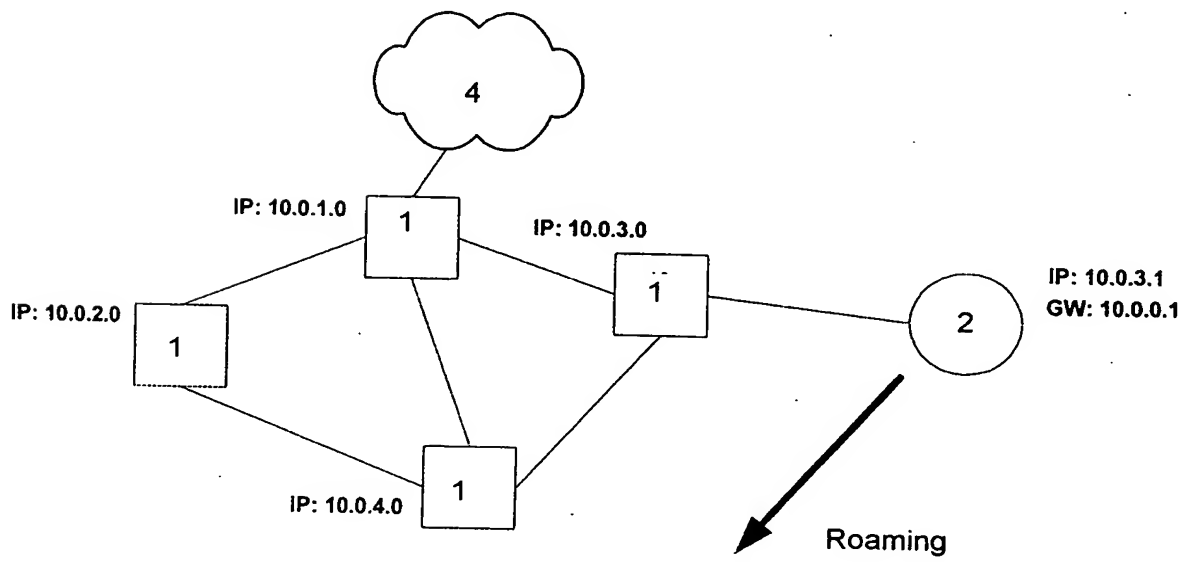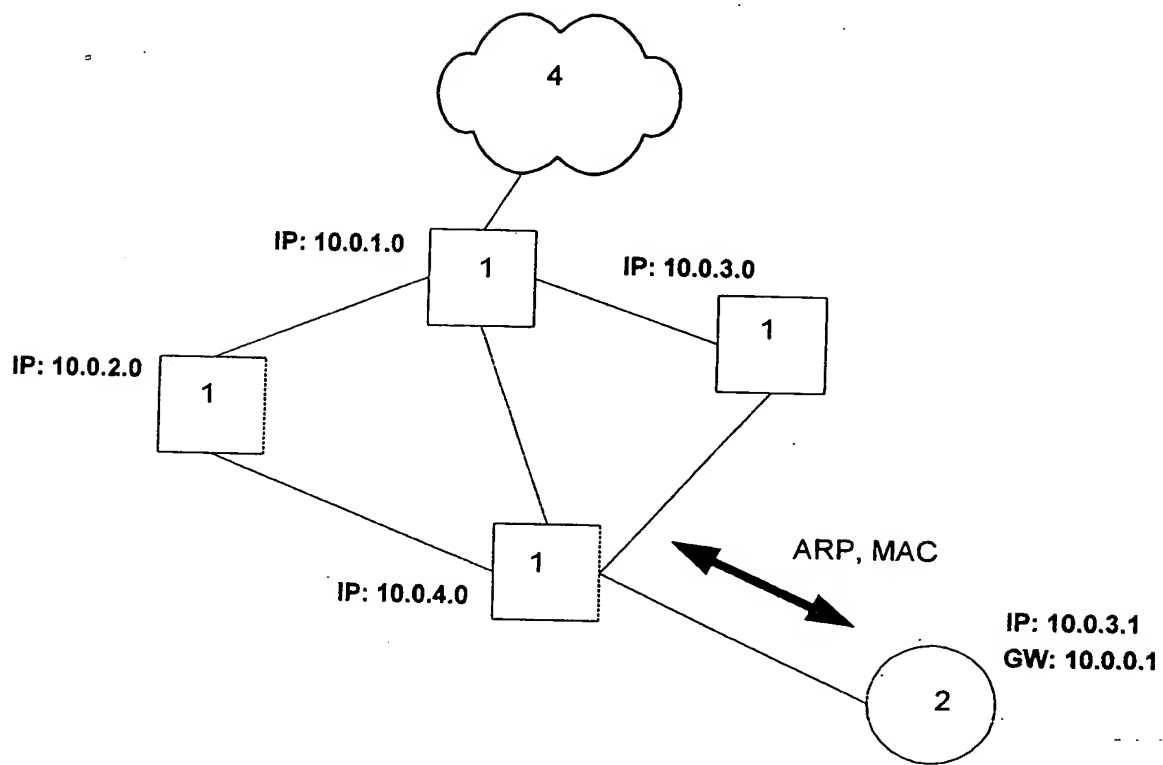| Information type	Router ID	Sequence number
Age of data packets	Number of hops	Number of interfaces
Number of external routers	Local interface address	Number of neighbours
Neighbour interface address	Neighbour interface metrics	
....	....	
External route address	External route net mask	External route metrics

Fig. 20

IP: 10.0.1.0

IP: 10.0.3.0

24 , DHCP

IP: 10.0.2.0

IP: 10.0.4.0

Fig. 21

IP: 10.0.1.0

IP: 10.0.3.0

IP: 10.0.3.1
GW: 10.0.0.1

IP: 10.0.2.0

IP: 10.0.4.0

Roaming

Fig. 22

IP: 10.0.1.0

IP: 10.0.3.0

IP: 10.0.2.0

4

1

1

1

1

IP: 10.0.4.0

ARP, MAC

IP: 10.0.3.1
GW: 10.0.0.1

2

Fig. 23

IP: 10.0.1.0

IP: 10.0.3.0

IP: 10.0.2.0

IP: 10.0.4.0

IP: 10.0.3.1
GW: 10.0.0.1

Fig. 24

Fig. 25

Fig. 26

Fig. 27

Fig. 28